

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
P26,229A PCT	ACTION	as wel	as, where applicable, item 5 below.
International application No.	International filing date (day/month/ye	ar)	(Earliest) Priority Date (day/month/year)
PCT/US2004/010861	08/04/2004		09/04/2003
Applicant			33, 31, 2003
·			
KULICKE & SOFFA INVESTMENT	S INC.		
This International Search Report has been according to Article 18. A copy is being tra	prepared by this International Searchinnsmitted to the International Bureau.	g Auth	nority and is transmitted to the applicant
This International Search Report consists	of a total of sheets.		
X It is also accompanied by	a copy of each prior art document cited	in this	report.
ranguage in which it was filed, unle	nternational search was carried out on t iss otherwise indicated under this item.		is of the international application in the
uns Authority (Hule	(23.1(b)).		
b. With regard to any nucleot	tide and/or amino acid sequence disc	losed i	n the international application, see Box No. I.
2. Certain claims were foun	d unsearchable (See Box II).		
3. Unity of invention is lack	ing (see Box III).		
	mitted by the applicant. ed by this Authority to read as follows: 'STRUCTURES FOR INTEGRA	TED	CIRCUITS AND METHOD OF
5. With regard to the abstract,			•
the text is approved as subr			
the text has been establishe may, within one month from	d, according to Rule 38.2(b), by this Au the date of mailing of this international	thority search	as it appears in Box No. IV. The applicant report, submit comments to this Authority.
6. With regards to the drawings,			
a. the figure of the drawings to be pub	lished with the abstract is Figure No	3	
X as suggested by the	applicant.		
	authority, because the applicant failed to		-
	authority, because this figure better char	acteriz	zes the invention.
b. none of the figures is to be p	ublished with the abstract.		

INTERNATIONAL SEARCH REPORT

national Application No PCT/US2004/010861

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/485 H01L21/60 H01L21/607 H01L21/603

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 $\,$ H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS	CONSIDERED	IO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/01478 A (RAMM JUERGEN ; BALZERS HOCHVAKUUM (LI)) 4 January 2001 (2001-01-04)	1-3, 10-12, 24-26,38
Y	page 3, line 13 - page 6, line 27; claims 9,19	6-9, 13-17, 20,22, 23, 27-31,
E	& US 2004/087150 A1 (RAMM JURGEN) 6 May 2004 (2004-05-06) the whole document	34,36,37 1-3, 10-12, 24-26,38
		
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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 2 November 2004	Date of mailing of the international search report $09/11/2004$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Edmeades, M

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Č.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/US2004/010861
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Y	US 2002/155702 A1 (TANIKUNI TAKAMASA ET AL) 24 October 2002 (2002-10-24)	6-9,16, 23,30, 36,37
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